What is claimed is:

1. A method of monitoring a registry comprising:

requesting a handle for a registry key to a calling process;

requesting a registry key value for the handle; and

obtaining security clearance to complete the requests.

2. The method of claim 1 further comprising after requesting a handle for a registry key to a calling process:

determining a process ID and registry key;

determining whether the process is secured by checking a secured process list;

if the process is secured, determining whether the registry key is on a rejection list;

if the registry key is on the rejection list, denying the process access to the registry key; and

if the process is not on the secured list or if the registry key name is not on the rejection list, completing the request.

3. The method of claim 1 further comprising after requesting a registry key value for the handle:

determining a process ID and registry key value;

determining whether the process is secured by checking the secured process list;

if the process is secured, determining whether the registry key is on the rejection list;

if the registry key is on the rejection list, denying the process access to the registry key value;

if the process is not on the secured list, completing the request;

if the registry key is not on the rejection list and the process is on the secured process list, processing the value request and determining whether the value is on the rejection list;

if the value is not on the rejection list allowing the request to be completed; and

if the value is on the rejection list denying access to the registry key value.

4. The method of claim 1 further comprising after modifying and deleting handles and values:

determining a process ID;

determining whether the process is secured by checking whether the process is on the secured process list;

if the process is not on the secured process list, completing the request; and

if the process is on the secured process list, not allowing the request to be completed.

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5.   A registry monitoring system wherein the registry is monitored by a method comprising:

requesting a handle for a registry key to a calling process;

requesting a registry key value for the handle; and

obtaining security clearance to complete the requests.

5   6.   The registry monitoring system of claim 5 further comprising after requesting a handle

for a registry key to a calling process:

determining a process ID and registry key;

determining whether the process is secured by checking a secured process list;

if the process is secured, determining whether the registry key is on a rejection list;

10   if the registry key is on the rejection list, denying the process access to the registry key;

and

if the process is not on the secured list or if the registry key name is not on the rejection

list, completing the request.

7.   The registry monitoring system of claim 5 further comprising after requesting a registry

15   key value for the handle:

determining a process ID and registry key value;

determining whether the process is secured by checking the secured process list;

if the process is secured, determining whether the registry key is on the rejection list;

if the registry key is on the rejection list, denying the process access to the registry key

20   value;

if the process is not on the secured list, completing the request;

if the registry key is not on the rejection list and the process is on the secured process list,

processing the value request and determining whether the value is on the rejection list;

if the value is not on the rejection list allowing the request to be completed; and

25   if the value is on the rejection list denying access to the registry key value.

8.   The registry monitoring system of claim 5 further comprising after modifying and

deleting handles and values:

determining a process ID;

determining whether the process is secured by checking whether the process is on the

30   secured process list;

if the process is not on the secured process list, completing the request; and

if the process is on the secured process list, not allowing the request to be completed.

9.   A computer configured to monitor a registry according to a method comprising:

requesting a handle for a registry key to a calling process;

requesting a registry key value for the handle; and

obtaining security clearance to complete the requests.

10. The computer of claim 9 further comprising after requesting a handle for a registry key to

a calling process:

determining a process ID and registry key;

determining whether the process is secured by checking a secured process list;

if the process is secured, determining whether the registry key is on a rejection list;

if the registry key is on the rejection list, denying the process access to the registry key;

and

if the process is not on the secured list or if the registry key name is not on the rejection

list, completing the request.

11. The computer of claim 9 further comprising after requesting a registry key value for the

handle:

determining a process ID and registry key value;

determining whether the process is secured by checking the secured process list;

if the process is secured, determining whether the registry key is on the rejection list;

if the registry key is on the rejection list, denying the process access to the registry key

value;

if the process is not on the secured list, completing the request;

if the registry key is not on the rejection list and the process is on the secured process list,

processing the value request and determining whether the value is on the rejection list;

if the value is not on the rejection list allowing the request to be completed; and

if the value is on the rejection list denying access to the registry key value.

12. The computer of claim 9 further comprising after modifying and deleting handles and

values:

determining a process ID;

determining whether the process is secured by checking whether the process is on the

secured process list;

if the process is not on the secured process list, completing the request; and

if the process is on the secured process list, not allowing the request to be completed.

13. A machine-readable medium comprising a program to monitor a registry according to a

method comprising:

requesting a handle for a registry key to a calling process;

requesting a registry key value for the handle; and

obtaining security clearance to complete the requests.

14.   The machine-readable medium of claim 13 further comprising after requesting a handle

for a registry key to a calling process:

determining a process ID and registry key;

determining whether the process is secured by checking a secured process list;

if the process is secured, determining whether the registry key is on a rejection list;

if the registry key is on the rejection list, denying the process access to the registry key;

and

if the process is not on the secured list or if the registry key name is not on the rejection

list, completing the request.

15.   The machine-readable medium of claim 13 further comprising after requesting a registry

key value for the handle:

determining a process ID and registry key value;

determining whether the process is secured by checking the secured process list;

if the process is secured, determining whether the registry key is on the rejection list;

if the registry key is on the rejection list, denying the process access to the registry key

value;

if the process is not on the secured list, completing the request;

if the registry key is not on the rejection list and the process is on the secured process list,

processing the value request and determining whether the value is on the rejection list;

if the value is not on the rejection list allowing the request to be completed; and

if the value is on the rejection list denying access to the registry key value.

16.   The machine-readable medium of claim 13 further comprising after modifying and

deleting handles and values:

determining a process ID;

determining whether the process is secured by checking whether the process is on the

secured process list;

if the process is not on the secured process list, completing the request; and

if the process is on the secured process list, not allowing the request to be completed.

17.   A computer implemented secured data transmission system having a receiver to access

secured file content provided by a sender, wherein the receiver includes a registry monitoring

system wherein the registry is monitored by a method comprising:

requesting a handle for a registry key to a calling process;

requesting a registry key value for the handle; and

obtaining security clearance to complete the requests.

5   18.   The computer implemented secured data transmission system of claim 17 further

comprising after requesting a handle for a registry key to a calling process:

determining a process ID and registry key;

determining whether the process is secured by checking a secured process list;

if the process is secured, determining whether the registry key is on a rejection list;

10   if the registry key is on the rejection list, denying the process access to the registry key;

and

if the process is not on the secured list or if the registry key name is not on the rejection

list, completing the request.

19.   The computer implemented secured data transmission system of claim 17 further

15 comprising after requesting a registry key value for the handle:

determining a process ID and registry key value;

determining whether the process is secured by checking the secured process list;

if the process is secured, determining whether the registry key is on the rejection list;

if the registry key is on the rejection list, denying the process access to the registry key

20   value;

if the process is not on the secured list, completing the request;

if the registry key is not on the rejection list and the process is on the secured process list,

processing the value request and determining whether the value is on the rejection list;

if the value is not on the rejection list allowing the request to be completed; and

25   if the value is on the rejection list denying access to the registry key value.

20.   The computer implemented secured data transmission system of claim 17 further

comprising after modifying and deleting handles and values:

determining a process ID;

determining whether the process is secured by checking whether the process is on the

30   secured process list;

if the process is not on the secured process list, completing the request; and

if the process is on the secured process list, not allowing the request to be completed.